BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of the work: **Improvements to CC Road from Shakil House, Makthum sab House and Hazere House Roads at MS Palya in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.**

			Estimate Cost:					1000000.00	
Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRRB 300-2 : Earth work excavation by manual means in Hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3 **Page No. 150 / Item No. 19.2/ PWD SR 2012-13**	Cum							
	CC Road from Shakil House		1	50.00	2.00	0.10	10.00		
	Makthum Sab House		1	55.00	3.00	0.15	24.75		
	Hazare House		1	45.00	3.50	0.15	23.63		
			1	65.00	3.50	0.15	34.13		
			1	48.00	3.50	0.15	25.20		
							117.70	81.00	**9534.00**
	Basic Rate	75.00							
	Area Weightage @8%	6.00							
	Total	**81.00**							
2	KSRB 4-1.3 : Providing and laying in position **plain cement concrete of mix M7.5 with OPC cement @ 180 Kgs** using 40mm and down size graded granite metal, corse aggregates @ 0.85 cum and fine aggregtes @ 0.58cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.3 PWD SR - 2012-13)	Cum							
	CC Road from Shakil House		1	50.00	2.00	0.15	15.00		
	Makthum Sab House		1	55.00	3.00	0.15	24.75		
	Hazare House		1	45.00	3.50	0.15	23.63		
			1	65.00	3.50	0.15	34.13		
			1	48.00	3.50	0.15	25.20		
							122.70	3884.76	**476660.00**
	Basic Rate	3597.00							
	Area Weightage @ 8%	287.76							
	Total	**3884.76**							
3	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **vertical surface such as walls at any thickness,** including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 **(P.17 / I.4.31 PWD SR - 2012-13)**	Sqm							
	CC Road		2	50.00		0.15	15.00		

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
			2	55.00		0.15	16.50		
			2	45.00		0.15	13.50		
			2	65.00		0.15	19.50		
			2	48.00		0.15	14.40		
							78.90	244.08	**19258.00**
	Basic Rate	226.00							
	Area Weightage @ 8%	18.08							
	Total	**244.08**							
4	KSRRB M2600-3: Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per drawing & technical specification complete as per specifications, MORTH specification No. 2605, **No. 248 Item No. 31.3 PWD SR 2012-13**	M							
			5	2.00			10.00		
			6	3.00			18.00		
			5	3.50			17.50		
			6	3.50			21.00		
			5	3.50			17.50		
							84.00	132.84	**11159.00**
	Basic Rate	123.00							
	Area Weightage @ 8%	9.84							
	Total	**132.84**							
5	KSRB- 4-1.5 : Providing and laying in position plain cement concrete of **mix M20 with OPC cement @ 300 kgs, with 20mm** and down size graded granite metal coarse aggregates @ 0.64 cum and fine aggregares @ 0.43 cum with superplastisiser @ 3lts confirming to IS9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification. No. KBS 4.1,4.2, **No. 12/ Item No. 4.5/ PWD SR 2012-13**	Cum							
	CC Road from Shakil House		1	50.00	2.00	0.10	10.00		
	Makthum Sab House		1	55.00	3.00	0.10	16.50		
	Hazare House		1	45.00	3.50	0.10	15.75		
			1	65.00	3.50	0.10	22.75		
			1	48.00	3.50	0.10	16.80		
							81.80	4937.76	**403909.00**
	Basic Rate	4572.00							
	Area Weightage @ 8%	365.76							
	Total	**4937.76**							
6	**Vaccum De-watering** with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator HOM of machinery Screed Vibratiry, Power Floater, blade and disc etc., with all lead and lift No. **187/ Item No. 22.7/ PWD SR 2012-13**	Sqm							
	CC Road from Shakil House		1	50.00	2.00		100.00		

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	Makthum Sab House		1	55.00	3.00		165.00		
	Hazare House		1	45.00	3.50		157.50		
	Interrior Road		1	65.00	3.50		227.50		
	Cross Road		1	48.00	3.50		168.00		
							818.00	86.40	**70675.00**
	Basic Rate	80.00							
	Area Weightage @ 8%	6.40							
	Total	**86.40**							
7	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123)	Cum							
			Vide Item No. 1				**117.70**	72.71	**8557.00**
	Basic rate for haulage of materials as per item no.17.4 page 141) Rs. 2.00								
	Average weight of earth 1.28 tonne / kg for 2X1.28X2.00=5.12	5.12							
	Add loading and unloading Vide item no.17.1 P.no.141	62.20							
		67.32							
	Area Weightage @ 8%	5.39							
	Total	**72.71**							
10	Miscellaneous and other Charges	L/S							**248.00**
								Total	**1000000.00**

(Rs. Ten Lakhs Only)

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per P.W.D S.R of 2012-13.
3 This work included under 2012-13 POW Grant.
4 The provisions were made in this estimate are necessary and adequate.
5 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

ADMINISTRATIVELY SANCTIONED FOR Rs.
Rupees Ten lakh only
Under POS-2012-13
P.1771
Registered as EE ( ) No. 3....9....
Subject to conditions contained in enclosed memo EE ( ) No. 253 /91....
Dt. 7-1-13 Estimate A/Sanctioned
JCA No. 753/12-13
dated 7-1-13 Rs. 10.00 Lakh

Technical sanction for Rs. 10.00 Lakh
Ten lakh only
under POS 2012-13
P.1771
registered as EE No: 387/12-13 Subject to conditions contained enclosed memo.
No: 387/12-13 Dr. 10-1-13

AE/JE

EE (TP Div.)
Executive Engineer
Byatarayanapura Division
Yelahanka Zone, B.B.M.P.

Joint Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92.